

IN THE CLAIMS

Please cancel claims 3, 5, 7, 11, 13-20 and 23-24 without prejudice or disclaimer of their underlying subject matter.

Please amend the claims as follows.

1-5 (canceled).

6. (original) ~~A display according to claim 3 A liquid crystal display comprising:~~

a display portion in which a plurality of pixels are two-dimensionally arranged at intersecting points of gate lines as many as a plurality of rows and signal lines as many as a plurality of columns which are wired in a matrix shape;

a plurality of driver circuits for applying a signal potential to each pixel in said display portion through the signal lines of said plurality of columns; and

time-divisional switches for time-divisionally sending a signal potential that is outputted from each of said plurality of driver circuits to the signal lines of said plurality of columns,

characterized in that a time-dividing number of said time-divisional switches is equal to 3,

the number of output terminals of each of said plurality of driver circuits is set to a measure of the total number of signal lines of said plurality of columns,

the number of output terminals of each of said plurality of driver circuits is set to a same number,

when a size of a frame portion adjacent to said display portion is specified, the number (n) of output terminals of each of said plurality of driver circuits is determined on the basis of said specified frame size by the number of lines which can be wired into a wiring region of said frame portion,

when the total number of signal lines of said plurality of columns that is decided by a display system is set to N, the number of said driver circuits is set to N/n, said total number of signal lines being different than said number (n) of output terminals,

characterized in that said plurality of driver circuits are driver ICs arranged in an outside of a transparent insulating substrate on which said display portion is formed.

7-24. (canceled).

25. (currently amended) A liquid crystal display comprising: a display portion, said display portion having a plurality of gate lines, a plurality of signal lines and a plurality of pixels,

a pixel of said plurality of pixels being located at an intersection of a gate line of said plurality of gate lines and a signal line of said plurality of signal lines; and

a plurality of driver circuits, said plurality of driver circuits including at least one general driver circuit and one remainder driver circuit,

each said at least one general driver circuit having a plurality of general driver circuit output terminals, a general driver circuit output terminal of said plurality of general driver circuit output terminals providing a signal potential to one of said plurality of signal lines,

said remainder driver circuit having a plurality of remainder driver circuit output terminals, a remainder driver circuit output terminal of said plurality of remainder driver circuit output terminals providing another signal potential to another of said plurality of signal lines,

the quantity of said remainder driver circuit output terminals being defined as  $(S - (OP * (DC-1)))$ , "S" being the quantity of said plurality of signal lines, "OP" being the quantity of said general driver circuit output terminals, and "DC" being the quantity of said plurality of driver circuits, and

said quantity of said general driver circuit output terminals being different than said quantity of said remainder driver circuit output terminals.

26. (previously amended) A display according to claim 25,

wherein each driver circuit of said plurality of driver circuits is separate and distinct from another driver circuit of said plurality of driver circuits.

27. (previously amended) A display according to claim 25, wherein said plurality of pixels is arranged in a two-dimensional matrix shape.

28. (previously presented) A display according to claim 25, wherein said pixel of said plurality of pixels includes a transistor, a gate electrode of said transistor being electrically connected to said gate line, a source/drain of said transistor being electrically connected to said signal line.

29. (previously presented) A display according to claim 25, wherein said plurality of gate lines is a plurality of rows and said plurality of signal lines is a plurality of columns.

30. (canceled).

31. (previously presented) A display according to claim 25, wherein a surplus connecting region that does not contribute to said display portion does not occur on the said display.

32-36. (canceled).

37. (previously amended) A display according to claim 25, wherein an output terminal of said plurality of driver circuits is electrically connected to an input terminal of a time-divisional switch, said time-divisional switch providing a de-multiplexed signal potential to said signal line, said de-multiplexed signal potential being a signal potential for one of a plurality of primary colors that is time-divided from another signal potential for another of said plurality of primary colors and supplied to said signal line.

38-42. (canceled).

43. (previously presented) A display according to claim 37, wherein said plurality of primary colors is a first primary color, a second primary color and a third primary color.

44. (previously presented) A display according to claim 25, wherein said quantity of general driver circuit output terminals is greater than said quantity of remainder driver circuit output terminals.

45. (previously presented) A display according to claim 25, wherein the sum total of general driver circuit output terminals and said remainder driver circuit output terminals is equal to

said plurality of signal lines.

46. (previously presented) A display according to claim 25, wherein said plurality of driver circuits include more than one said general driver circuit.

47. (previously presented) A display according to claim 46, wherein each said general driver circuit has an equal number of general driver circuit output terminals.

48. (previously presented) A display according to claim 25, wherein said plurality of driver circuits are driver integrated circuits arranged in an outside of a transparent insulating substrate on which said display portion is formed.

Please add the following new claims.

49. (new) A liquid crystal display comprising:  
a display portion, said display portion having a plurality of gate lines, a plurality of signal lines and a plurality of pixels,

    a pixel of said plurality of pixels being located at an intersection of a gate line of said plurality of gate lines and a signal line of said plurality of signal lines; and  
a plurality of driver circuits, each of said plurality of driver

circuits having a plurality of driver circuit output terminals,

a driver circuit output terminal of said a plurality of driver circuit output terminals providing a signal potential to a signal line of said plurality of signal lines,

the quantity of said driver circuit output terminals being the same quantity for said each of said plurality of driver circuits, and

the quantity of said driver circuits being defined as  $N/n$ , wherein "N" is the quantity of said signal lines and "n" is said quantity of said driver circuit output terminals.

50. (new) A display according to claim 49, further comprising:

a plurality of time-divisional switches, said plurality of time-divisional switches receiving said signal potential from said driver circuit output terminal and time-divisionally sending said received signal potential said signal line.

51. (new) A display according to claim 50, wherein the quantity of said time-divisional switches is equal to 3.

52. (new) A display according to claim 49, wherein said quantity of said signal lines is different than said quantity of said driver circuit output terminals.

53. (new) A display according to claim 49, wherein said quantity of said driver circuit output terminals is set to a power of 2.

54. (new) A display according to claim 49, wherein said plurality of driver circuits are driver ICs arranged in an outside of a transparent insulating substrate on which said display portion is formed.

55. (new) A display according to claim 49, further comprising:

a memory circuit for temporarily storing data to be written into said plurality of driver circuits; and

a control circuit for controlling said plurality of driver circuits so as to simultaneously write different data from said memory circuit.

56. (new) A display according to claim 49, wherein a leading waveform and a trailing waveform of a signal output waveform of each of said plurality of driver circuits are symmetrical with respect to a time base.

57. (new) A display according to claim 49, wherein a period of time which is selected by said time-divisional switches is equal to or shorter than 1/3 of a horizontal scanning period.

58. (new) A display according to claim 57, wherein a leading time and a trailing time of each of said plurality of driver circuits are equal to or shorter than the period of time which is selected by said time-divisional switches.

59. (new) A display according to claim 49, wherein a blanking period which is caused for the period of time, selected by said time-divisional switches is equal to or shorter than (a horizontal scanning period - the period of time selected by the time-divisional switches  $\times$  3) / 3.

60. (new) A display according to claim 59, wherein said plurality of driver circuits have a function to stop the operation of an output circuit of said plurality of driver circuits for said blanking period.

61. (new) A display according to claim 49, wherein said plurality of driver circuits generate a signal potential so as to correct curves of voltage-transmittance characteristics of R (red), G (green), and B (blue) by diving to said time-divisional

switches.

62. (new) A display according to claim 49, wherein within a 1H (H denotes a horizontal scanning period) inversion driving or a 1H common inversion driving, the signal line which is selected first by said time-divisional switches is a line of blue, the signal line which is selected at the second time is a line of green, and the signal line which is selected at the third time is a line of red.

63. (new) A display according to claim 49, wherein within a dot inversion driving, the signal line which is selected first by said time-divisional switches is a line of red, the signal line which is selected at the second time is a line of green, and the signal line which is selected at the third time is a line of blue.

64. (new) A display according to claim 49, wherein time-division of said time-division switches distribute signals to R (red), G (green), and G (blue) constituting one pixel.

65. (new) A display according to claim 49, wherein a surplus connecting region that does not contribute to said display portion does not occur on the said display.

66. (new) A display according to claim 49, wherein said driver circuits is separate and distinct from another driver circuit of said plurality of driver circuits.